JVC

SERVICE MANUAL

SPEAKER SYSTEM

SP-MXS2BK (Made in Taiwan)

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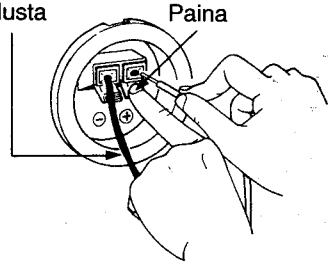
Instructions

Connection
Anschluß
Raccordement
Aansluiting
Conecxión
Collegamento
Anslutning
Tilslutning
Liitäntä

Black	Press
Noir	Appuyer
Schwarz	Drücken
Zwart	Indrukken
Negro	Presioar
Nero	Premere
Svart	Tryck
Sort	Tryk
Musta	Paina



CONNECTION

- Connect the LEFT speaker terminals of the amplifier to the LEFT terminals of the speaker and RIGHT to RIGHT using the attached speaker cords as shown in the figure making sure polarity is correct; (+) to (+) and (–) to (–). Connect the black speaker wires to the (–) terminals.
- Turn off power to the whole system before connecting the speakers to the amplifier.
- The nominal impedance of the SP-MXS2 is 6 ohms. Connect them to an amplifier with the load impedance of 6 ohms speaker.
- The maximum power handling capacity of the SP-MXS2 is 30 watts. Excessive input will result in abnormal noise and possible damage. 70% of the maximum amplifier output is normally available when the volume control is set to its center position.
  In cases where the signals described below are applied to the speakers, even if the signals are below the maximum allowable input, they may cause an overload and burn the wiring of the speakers. Be sure to lower the amplifier volume beforehand.
  1) Noise during FM tuning.
  2) High level signals containing high frequency components produced by a tape deck in the fast forward mode.
  3) Click noise produced when turning power of other components on and off.
  4) Click noise produced when connecting or disconnecting cords with the power on.
  5) Click noise produced when the cartridge is replaced with the power on.
  6) Click noise produced when operating amplifier switches.
  7) Continuous high frequency oscillation or high pitch electronically produced musical instrument sound.
  8) Howling when using a microphones.

SPECIFICATIONS

Type	: 2 way bass reflex type
Speakers:	
Woofer	: 13.5 cm (5-3/8) cone x 1
Tweeter	: 5 cm (2") cone x 1
Power handling capacity	: 30 watts
Impedance	: 6 ohms
Frequence range	: 45 Hz – 20,000 Hz
Sound pressure level	: 87 dB/w-m
Dimension (W x H x D)	: 165 x 265 x 239 mm (6-1/2" x 10-7/16" x 9-7/16")
Weight	: 2.4kg (5.3 lbs) each
Accessory	: Speaker cord 2

Design and specifications subject to change without notice.

Guide to Repair

■Removing the Saran board

Remove the Saran board by pulling its side toward you.

■Removing the holder

Insert a Phillips screwdriver into the holder and lift it off. (See Fig.1 and 2.)

■Removing the ornament assembly

Remove the three holders on the front and remove the three screws underneath.(See Fig.3.)

Note : When the ornament assembly is removed, cover the ornament and cabinet with felt or soft cloth to prevent tool marks or damage to them.

■Removing the speaker unit

Remove the ornament assembly,and replace the Speaker unit from the front of the cabinet.

Note : When the speaker unit is removed,cover the cabinet and speaker unit with felt or soft cloth to prevent toolmarks or damage to them.

■Sound absorbers

The cabinet contains sound absorbers. If they are taken out to replace the speaker unit, put them into the cabinet as shown in Figure 6.

※

The speaker terminal can not be removed because it is bonded.
When it is broken, replace the cabinet assembly.

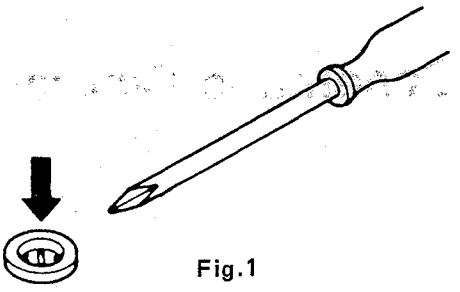


Fig.1

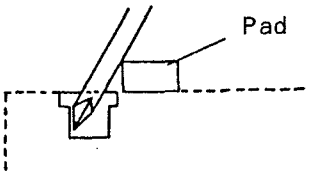


Fig.2

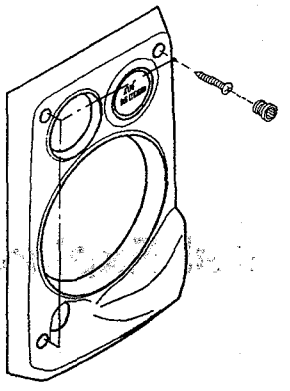


Fig.3

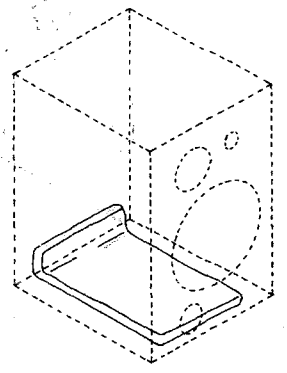
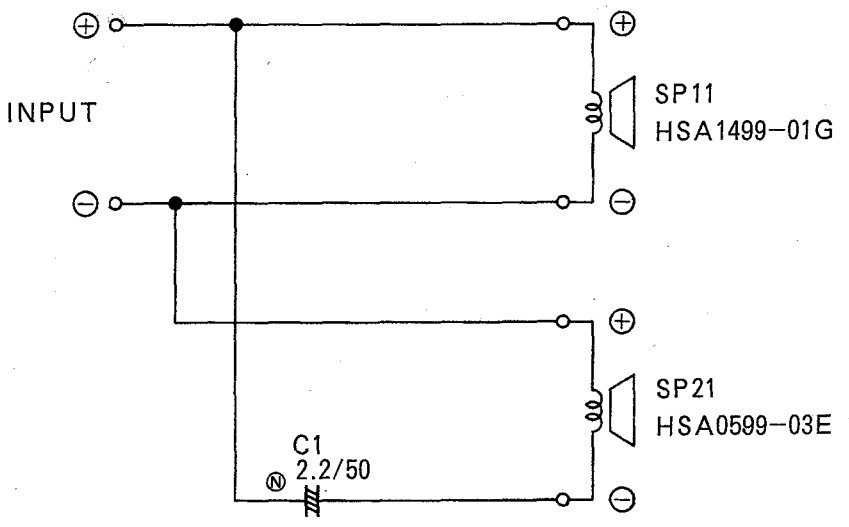
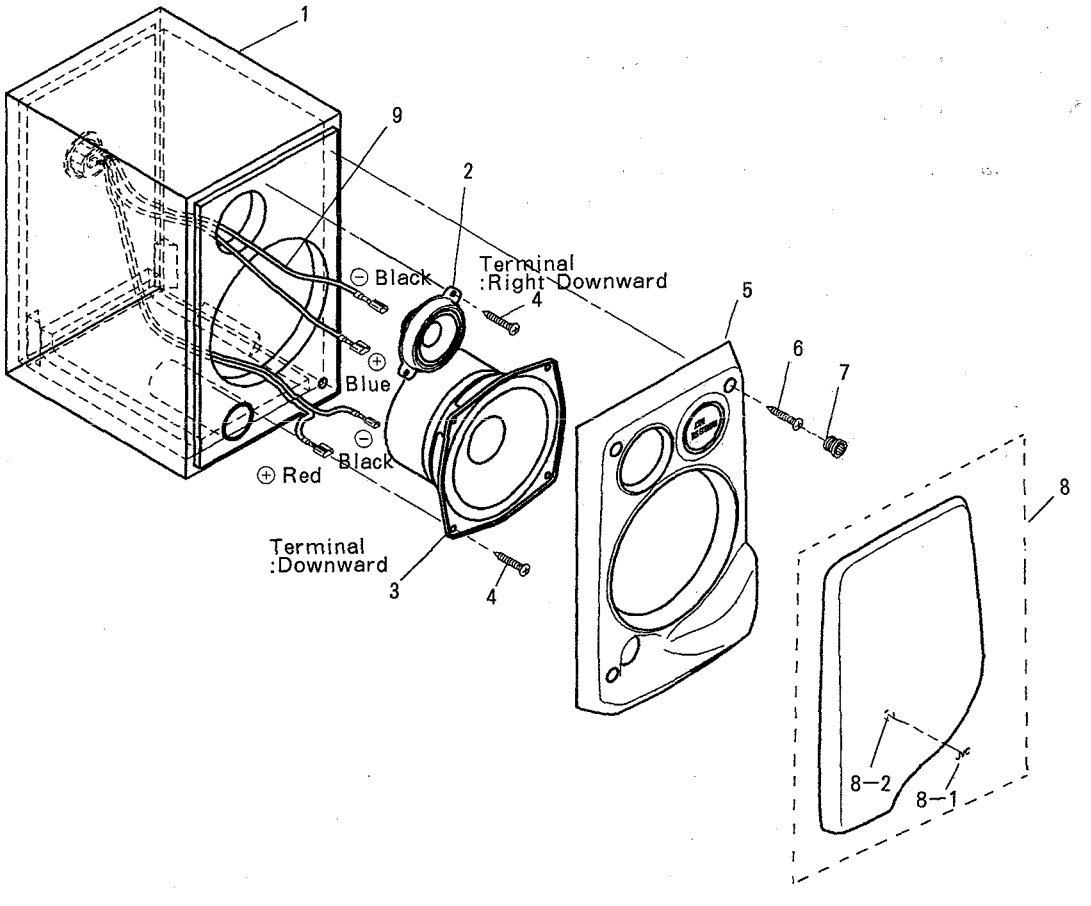


Fig.4

Schematic Diagram



General Exploded View



Parts List

Item	Part Number	Part Name	Q'ty	Description	Areas
1	EZC-SP-MXS2BKEL	Cabinet Assembly	1	Left. with Speaker Terminal	
	EZC-SP-MXS2BKER	Cabinet Assembly	1	Right. with Speaker Terminal	
2	HSA0599-03E	Speaker Unit	1	Tweeter SP21	
3	HSA1499-01GYK	Speaker Unit	1	Woofer SP11	
4	SDSA4016Z	Screw	4		
5	E102618-006	Ornament	1	Left	
	E102618-005	Ornament	1	Right	
6	GPSA3522M	Screw	3		
7	E407076-001	Holder	3		
8	E102619-006	Grille Assembly	1	Left	
	E102619-005	Grille Assembly	1	Right	
8-1	E75939-001	JVC Mark	1		
8-2	NSS3000	Nut	1		
9	E407470-001	Network Assembly	1		

Accessories List

Part Number	Part Name	Q'ty	Description	Areas
E30580-1983A	Instruction Book	1		
E407448-001	Speaker Cord	2		

Packing Materials and Part Numbers